



seqlist.txt

#7

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TECH CENTER 1600/2900

SEQUENCE LISTING

<110> Franklin, Richard L.  
Cowling, Didier S.P.  
Hubbel, Jeffrey A.  
van de Wetering, Petra

<120> Treatment of Trauma

<130> 314572-105

<140> 09/938,269

<141> 2001-08-23

<160> 17

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 300

<212> PRT

<213> Panaeu vanameii

<400> 1

Leu	Leu	Leu	Ala	Leu	Val	Ala	Ala	Ala	Ser	Ala	Ala	Glu	Trp	Arg	Trp
1				5					10					15	
Gln	Phe	Arg	His	Pro	Thr	Val	Thr	Pro	Asn	Pro	Arg	Ala	Lys	Asn	Pro
			20					25					30		
Phe	Arg	Val	Thr	Lys	Ser	Ser	Pro	Val	Gln	Pro	Pro	Ala	Val	Arg	Gly
		35					40					45			
Thr	Lys	Ala	Val	Glu	Asn	Cys	Gly	Pro	Val	Ala	Pro	Arg	Asn	Lys	Ile
	50				55						60				
Val	Gly	Gly	Met	Glu	Val	Thr	Pro	His	Ala	Tyr	Pro	Trp	Gln	Val	Gly
65					70					75				80	
Leu	Phe	Ile	Asp	Asp	Met	Tyr	Phe	Cys	Gly	Gly	Ser	Ile	Ile	Ser	Asp
			85						90					95	
Glu	Trp	Val	Leu	Thr	Ala	Ala	His	Cys	Met	Asp	Gly	Ala	Gly	Phe	Val
		100						105					110		
Glu	Val	Val	Met	Gly	Ala	His	Ser	Ile	His	Asp	Glu	Thr	Glu	Ala	Thr
		115					120					125			
Gln	Val	Arg	Ala	Thr	Ser	Thr	Asp	Phe	Phe	Thr	His	Glu	Asn	Trp	Asn
	130					135					140				
Ser	Phe	Thr	Leu	Ser	Asn	Asp	Leu	Ala	Leu	Ile	Lys	Met	Pro	Ala	Pro
145					150					155				160	
Ile	Glu	Phe	Asn	Asp	Val	Ile	Gln	Pro	Val	Cys	Leu	Pro	Thr	Tyr	Thr
			165					170						175	

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Asp Ala Ser Asp Asp Phe Val Gly Glu Ser Val Thr Leu Thr Gly Trp
      180      185      190
Gly Lys Pro Ser Asp Ser Ala Phe Gly Ile Ala Glu Gln Leu Arg Glu
      195      200      205
Val Asp Val Thr Thr Ile Thr Thr Ala Asp Cys Gln Ala Tyr Tyr Gly
      210      215      220
Ile Val Thr Asp Lys Ile Leu Cys Ile Asp Ser Glu Gly Gly His Gly
      225      230      235      240
Ser Cys Asn Gly Asp Ser Gly Gly Pro Met Asn Tyr Val Thr Gly Gly
      245      250      255
Val Thr Gln Thr Arg Gly Ile Thr Ser Phe Gly Ser Ser Thr Gly Cys
      260      265      270
Glu Thr Gly Tyr Pro Asp Gly Tyr Thr Arg Val Thr Ser Tyr Leu Asp
      275      280      285
Trp Ile Glu Ser Asn Thr Gly Ile Ala Ile Asp Pro
      290      295      300

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<210> 2
<211> 25
<212> PRT
<213> Panaeus vanameii

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<400> 2
Ile Val Gly Gly Val Glu Ala Thr Pro His Ser Trp Pro His Gln Ala
 1           5           10           15
Ala Leu Phe Ile Asp Asp Met Tyr Phe
      20           25

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<210> 3
<211> 20
<212> PRT
<213> Panaeus vanameii

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<220>
<221> VARIANT
<222> (1)...(20)
<223> Xaa = Any Amino Acid

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<400> 3
Ile Val Gly Gly Val Glu Ala Thr Pro His Ser Xaa Pro His Gln Ala
 1           5           10           15
Ala Leu Phe Ile
      20

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<210> 4
<211> 25
<212> PRT
<213> Panaeus monodon tryptic

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&lt;400&gt; 4

Ile	Val	Gly	Gly	Thr	Ala	Val	Thr	Pro	Gly	Glu	Phe	Pro	Tyr	Gln	Leu
1				5					10					15	
Ser	Phe	Gln	Asp	Ser	Ile	Glu	Gly	Val							
		20					25								

&lt;210&gt; 5

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Panaeus monodon chymotryptic

&lt;400&gt; 5

Ile	Val	Gly	Gly	Val	Glu	Ala	Val	Pro	Gly	Val	Trp	Pro	Tyr	Gln	Ala
1				5					10					15	
Ala	Leu	Phe	Ile	Ile	Asp	Met	Tyr	Phe							
		20					25								

&lt;210&gt; 6

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Panaeus monodon chymotryptic

&lt;400&gt; 6

Ile	Val	Gly	Gly	Val	Glu	Ala	Val	Pro	His	Ser	Trp	Pro	Tyr	Gln	Ala
1				5					10					15	
Ala	Leu	Phe	Ile	Ile	Asp	Met	Tyr	Phe							
		20					25								

&lt;210&gt; 7

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Uca pugilator enzyme

&lt;400&gt; 7

Ile	Val	Gly	Gly	Val	Glu	Ala	Val	Pro	Asn	Ser	Trp	Pro	His	Gln	Ala
1				5					10					15	
Ala	Leu	Phe	Ile	Asp	Asp	Met	Tyr	Phe							
		20					25								

&lt;210&gt; 8

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Uca pugilator enzyme

&lt;400&gt; 8

Ile	Val	Gly	Gly	Gln	Asp	Ala	Thr	Pro	Gly	Gln	Phe	Pro	Tyr	Gln	Leu
1				5					10					15	

Ser Phe Gln Asp  
20

<210> 9  
<211> 20  
<212> PRT  
<213> Kamchatka crab

<220>  
<221> VARIANT  
<222> (1)...(20)  
<223> Xaa = Any Amino Acid

<400> 9  
Ile Val Gly Gly Gln Glu Ala Ser Pro Gly Ser Trp Pro Xaa Gln Val  
1 5 10 15  
Gly Leu Phe Phe  
20

<210> 10  
<211> 20  
<212> PRT  
<213> Kamchatka crab

<400> 10  
Ile Val Gly Gly Thr Glu Val Thr Pro Gly Glu Ile Pro Tyr Gln Leu  
1 5 10 15  
Ser Leu Gln Asp  
20

<210> 11  
<211> 20  
<212> PRT  
<213> Kamchatka crab

<400> 11  
Ile Val Gly Gly Thr Glu Val Thr Pro Gly Glu Ile Pro Tyr Gln Leu  
1 5 10 15  
Ser Phe Gln Asp  
20

<210> 12  
<211> 20  
<212> PRT  
<213> Kamchatka crab

<220>  
<221> VARIANT

<222> (1)...(20)

<223> Xaa = Any Amino Acid

<400> 12

Ile Val Gly Gly Ser Glu Ala Thr Ser Gly Gln Phe Pro Tyr Gln Xaa  
 1 5 10 15  
 Ser Phe Gln Asp  
 20

<210> 13

<211> 20

<212> PRT

<213> Crayfish protease

<400> 13

Ile Val Gly Gly Thr Asp Ala Thr Leu Gly Glu Phe Pro Tyr Gln Leu  
 1 5 10 15  
 Ser Phe Gln Asn  
 20

<210> 14

<211> 25

<212> PRT

<213> Salmon enzyme

<400> 14

Ile Val Gly Gly Tyr Glu Cys Lys Ala Tyr Ser Gln Ala Tyr Gln Val  
 1 5 10 15  
 Ser Leu Asn Ser Gly Tyr His Tyr Cys  
 20 25

<210> 15

<211> 25

<212> PRT

<213> Atlantic cod

<400> 15

Ile Val Gly Gly Tyr Glu Cys Thr Lys His Ser Gln Ala His Gln Val  
 1 5 10 15  
 Ser Leu Asn Ser Gly Tyr His Tyr Cys  
 20 25

<210> 16

<211> 25

<212> PRT

<213> Atlantic cod

<400> 16

Ile Val Gly Gly Tyr Glu Cys Thr Arg His Ser Gln Ala His Gln Val  
 1 5 10 15

Ser Leu Asn Ser Gly Tyr His Tyr Cys  
 20 25

<210> 17

<211> 37

<212> PRT

<213> Atlantic cod

<400> 17

Ile Val Gly Gly Tyr Gln Cys Glu Ala His Ser Gln Ala His Gln Val  
 1 5 10 15

Ser Leu Asn Ser Gly Tyr His Tyr Cys Gly Gly Ser Leu Ile Asn Trp  
 20 25 30

Val Val Ser Ala Ala  
 35